

STATE OF COLORADO

COLORADO DEPARTMENT OF HEALTH

222 So. 6th St., Room 232
Grand Junction, Colorado 81501



Roy Romer
Governor

Thomas M. Vernon, M.D.
Executive Director

July 29, 1988

Robert L. Dent
Anaconda Minerals Co.
Western Minerals Project
555 17th Street
Denver, CO 80202

Re: Annual Inspection of Wastewater Treatment Facilities for Anaconda Minerals Co. - St Louis Tunnel, CPDES Permit No. CO-0029793, Dolores County

Dear Mr. Dent:

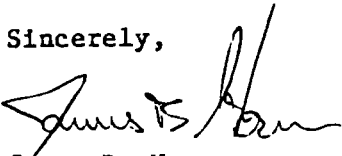
Enclosed is a copy of my inspection performed on July 6, 1988. This is a follow-up to an earlier sampling inspection performed by David Dauber on June 30, 1988. As stated in Mr. Dauber's report, the Division feels the facility is being properly operated.

After closer inspection of the treatment facilities we recommend the following:

- 1) Check the accumulation of solids in the first two settling ponds to insure there is maximum detention time and no short-circuiting is occurring.
- 2) An influent flow measuring device prior to the first pond should be installed to demonstrate that the ponds are not leaking. During my inspection it appeared the two upper ponds may be leaking into the Dolores River.
- 3) My inspection revealed that the discharging "artesian" wells appear to be geothermal wells and their discharge is not part of the discharge from the facility as stated in your permit. I am recommending to our Permits Section that your permit be re-reviewed to determine if a permit is required for the geothermal wells.

If you have any questions, please call me in the Grand Junction Office at 248-7154.

Sincerely,

A handwritten signature in dark ink, appearing to read "James B. Horn". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

James B. Horn
District Engineer
Water Quality Control Division

JBH/mb

cc: San Juan Basin Health Unit
Permits & Enforcement Section, CDH
Field Services, Denver
EPA, Region VIII
Sharon Ferdinandsen
Leslie Simpson (Inspection Report only)
Jim Horn
File

CDPS/NPDES FACILITY
INSPECTION REPORT

Plant Class "C"

SECTION A: NATIONAL DATA SYSTEM CODING

Transaction Code		CDPS/NPDES										yr/mo/day		Inspection Type		Inspector		Fac Type		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Remarks (See Code)																				
21 Reserved		Facility Evaluation Rating					BI		QA		CO		Operator in Charge Class & Cert. #		68		69		70	
		4					n				1 7				Not Certified					

SECTION B: FACILITY DATA

Name of Facility Inspected		Entry Time		<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		Permit Effective Date	
Anaconda Minerals—Western Minerals Projects		2:00				6-13-88	
Physical Location		St Louis Tunnel 1/2 mile North of Rico				Permit Expiration Date	
						12-31-92	
Name(s) of On-Site Representative(s)		Title(s)		Phone No(s)			
Neil Muldoon		Operator		967-2871			
Address		City		State		Zip	
* 555 17th St.		Denver		CO		80202	
Name of Person Conducting Inspection		Title					
James B. Horn		District Engineer					

SECTION C: AREAS EVALUATED DURING INSPECTION

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

Permit	Flow Measurement	Pretreatment	Operations & Maintenance
Records/Reports	Laboratory	Compliance Schedules	Sludge Disposal
Facility Site Review	Effluent/Receiving Waters	Self-Monitoring Program	Other:

SECTION D: OPERATION MAINTENANCE

Operator in Charge: _____ No. of Operators: _____

Budget: \$ _____ Salaries: \$ _____ Utilities: \$ _____ Maintenance: \$ _____

Chemicals: \$ _____ Sludge: \$ _____ Other: \$ _____ Unit Trmt. Cost/1,000 gals.: \$ _____

Collection System: No. of Taps: _____ No. of Lift Stations: _____

Pop. Eq. Served: _____ I/I Program: _____ Treatment Process: _____

Design Capacity: Hydraulic: _____ Organic: _____

Present Loading: Hydraulic: _____ Organic: _____ % Cap. _____

SECTION E: MONITORING AND COMPLIANCE

Type and location of flow measuring equipment: _____

Accurate, (Yes/No): _____ If (No), Comment: _____

Date of Last Calibration: _____

Lab performing DMR analysis: _____

Analysis in compliance with approved procedures, (Yes/No): _____ If (No), Comment: _____

Sampling in compliance with permit requirements, (Yes/No): _____ If (No), Comment: _____

Physical description of receiving stream: _____

Does facility meet permit requirements: _____

List facilities deficiencies: _____

Comments: _____

INDUSTRIAL INSPECTION REPORT

I. OWNERSHIP

County Dolores CDPS No. CO-0029793 Date 7-6-88
Facility Name Anaconda Minerals Co. - St. Louis Tunnel
Legal Owner Western Minerals Projects Robert L. Dent, Manager
Mailing Address 555 17th Street
City Denver State CO zip 80202
Facility (Physical Location) 1/4 mile North of Rico
Business Phone 293-7938 Emergency Phone 967-2871

II. Facility

Plant Products Lead, Zinc, Silver, However presently inactive
Present Production Rate 0 Design Production Rate 0
Raw Materials Metal Ore

Adequacy of Materials Containment Plan (MCP) Good

Treatment Facility Evaluation Slaked lime for pH adjustment for precipitation and sedimentation.

Facility Evaluation vs. Permit Recommend influent flow measuring device to determine if first few ponds are exfiltrating.

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Facility Deficiencies First two ponds need cleaning. "artesian wells" are actually geothermal wells and are contributing dissolved solids to the Dolores river. I recommend that they are capped.

Needed/Extra Permit Conditions Influent flow measurement.

Groundwater Impact Potential Possible exfiltration of wastewater from the first two settling ponds.

III. MONITORING

Location and Type of Flow Measuring Equipment 9" effluent parshall flume

. Accurate and Calibrated yes

Lab doing DMR Analysis Rocky Mountain Analytical, Arvada

DMR Analyses According to Approved Procedures yes

Comments

Physical Description Receiving Stream Low turbidity Dolores River.

IV. COMPLIANCE/ENFORCEMENT

Effluent Limitation Compliance yes

Person Interviewed Neil Muldoon, 967-2871

CDH Engineer James B. Horn

James B. Horn Phone 247-5702

Comments Operator is doing a very good Job.

SKETCH

